## INTERNATIONAL SEARCH REPORT

International application No.

			PCT/US04/32960	
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : F16F 3/04 US CL : 267/103 According to International Patent Classification (IPC) or to both national classification and IPC B. FFELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 267/103, 158, 165				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOC	JMENTS CONSIDERED TO BE RELEVANT			
Category * Citation of document, with indication, where appropriate, of the relevant passages			ant passages	Relevant to claim No.
Y	US 3.210.064 A (CROSBY) 05 October 1965, see Fig. 1			1-10
	05 5,210,004 A (CROSD1) 65 CODES 1740, 511 11			
Y	US 3,768,795 A (RATHBURN, JR.) 30 October 1973, see Fig. 1			1-10
Y	US 2,608,265 A (ECKERT) 26 August 1952, see Fig. 2			1-10
		5	family appear	
	r documents are listed in the continuation of Box C.		family annex.	
Special categories of cited documents:     "A" document defining the general state of the art which is not considered to be of particular relevance     "E" carlier application or patent published on or after the international filling date.		"X" document of considered n step when th	leter document published after the international filing date or priority date and not in conflict with the application to tricle to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered movel or cannot be considered to involve an inventive step when the document is taken abone	
<ul> <li>"I." document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> </ul>		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"O" document referring to an oral disclosure, use, exhibition or other means  "&" document member of the same patent if			family	
"P" document published prior to the international filing date but later than the priority date claimed.  Date of the actual completion of the international search  Date of mailing of the international search report				
Date of the actual completion of the international search			9 SFP 200	n report
26 August 2005 (26.08.2005)				
Traine and maning advances of the Lot of the				
Commissioner for Patents  JACK LAVINDER				

Telephone No. 571-272-3600

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230
Form PCT/ISA/210 (second sheet) (January 2004)